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GenCore version 5.1.3
Copyright (*) 1993 - 2003 Compugen Ltd
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OM protein - nucleic search, using frame_plus_p2n model

January 16, 260%, 17.60:17 ; Search time 19 4286 Seconds Pun on

(without alignments) 114 746 Million ovell updates/see

HS-03-856-070-18 Perfect score:

1 KEELM 5 Sequence:

Scoring table:

BLGSUM62 Xgapop 10.0 , Xgapext Yqapop 10.0 , Yqapext 6.0 , Fgapext 6.0 , Delext Fqapop Delop

393868 seqs, 222934149 residues Searched: Fotal number of hits satistying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 100% Maximum Match 100% Listing lirst 45 summaries

Command line parameters:

MODEL-transcole | PEV-x1p | MODEL-transcole | PEXT-7 | MODEL-transcole

Database :

/cgm2_6/pt.odata/2/pubpna/USO9_NEW_PUB.seq:*/cgm2_6/pt.odata/2/pubpna/USO9_FUBCOMB.seq:*/cgm2_6/pt.odata/2/pubpna/USI0_NEW_PUB.seq:* /cgn2_6/pt.oda:a/2/pubpna/us07_NBW_pub_seq.*
/cgn2_6/pt.oda:a/2/pubpna/rcrus_ruhcown_seq.*
/cgn2_6/pt.oda:a/2/pubpna/us08_nbw_pub_seq:*
/cgn2_6/pt.oda:a/2/prbpna/us08_nbw_pub_seq:* Published_Applications_NA:*

1: /cgn2_6/ptcdata/2/pubpna/US07_PUBCOMB.seq.*

2: /cgn2_6/ptcdata/2/pubpna/PCT_NBW_FUB.seq.*

3: /cgn2_6/ptcdata/2/pubpna/PCT_NBW_FUB.seq.*

4: /cqn2_6/ptcdata/2/pubpna/PS0M_FUB.seq.*

4: /cqn2_6/ptcdata/2/pubpna/PS0M_FUB.seq.*

Pred. Not is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution. /cgnz_6/ptodata/2/pubpna/UST0_PURGOMB seq:*/cgnz_6/ptodata/2/pubpna/US60_NRW_PUR seq */cgnz_6/ptodata/2/pubpna/US60_PURPGOMB seq:*

SUMMARIES

Description	Sequence 20934, A Sequence 9375, Ap Sequence 9375, Ap Sequence 7375, Ap
ΙD	40 10 (§5.09-864-76)-20934 (§23 19 (§ 63-294-393)-5596 41-9 (§5.09-796-692-937) (§3-10-75-69-923-876-222)
B	00000
Query Match Length DB	0 6 4 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
ry ch	000000000000000000000000000000000000000
Query	1000
Score	00000 2544
ult No.	L G & 4
Result No.	C

PPINE FILING DATE, 2001-01-30

Sequence 20697, A Sequence 1330, An	37,	477	sequence 124, App Sequence 3934, Ap	416	~	Sequence 23, Appl	Sequence 4582, Ap	4765,	4180,	6207,	7314,		Sequence 15260, A	Sequence 310, App	Sequence 310, App	Sequence 310, App	Sequence 310, App	0	10,	Sequence 310, App	Sequence 1340, Ap	Sequence 15374, A	Sequence 31940, A	Sequence 1663, Ap	Sequence 991, App		Sequence 53, Appl		623		Sequence 1429, Ap	Sequence 1, Appli	Sequence 11, Appl	Sequence 13, Appl	Sequence 31, Appl	Sequence 275, App	Sequence 3, Appli	Sequence 10, Appl
10 US-09-864-761-20697 10 US-09-764-869-1330	US-09-764 869 37	TS -04 - 440 - 40 - 40 - 40 - 40 - 40 - 4	US-03-770-731-124 US-03-864-761-393	US-09-864-761-41	Ξ		09.8E		US-09-86	11S-00-86	DS-00-81	US-06-815 242 7	US 39 864-761 1		- U.S. 1/0 - 0.1 - 8.34 -	9 US-09 895 793 310	US-09-895-814-3	10 US 09 759-143-310	18:04 780 tht	09 822 827 3	US-09 867 701-	US-09-864	50-51	10 US-09-974-300 1663	60 · S0	10 08 09 828-644-32		9 US-09-938-842A-812		U US-09-974-300 99	9 US-09-938-842A-1429			9 US-10-060:425 13	0 US-09-804-551B-3		US U9 918-543-3	10 US-09-769-864-10
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ALIGNMENTS

TITLE OF INVENTION: HUMAN GENOME DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FORTILE OF INVENTION: GENE EXPPESSION ANALYSIS BY MICROARRAY Fig. FEFFENCE. Acomica-X-1 CUERENI APPLICATION NUMBER: US/U9/854,761 CUEFENI FILLING UALE. 2001-55-23 PRIOR APPLICATION NUMBER: US 60/180,312 FRICE PILLED DATE: 2006-02-04 PRIOR APPLICATION NUMBER: US 60/207,456 PRIOR FILLING DATE: 2000-09-27 PRIOR APPLICATION NUMBER: PCT/US01/006666 PRIOR FILLING DATE, 2001-01-30 PRIOR APPLICATION NUMBER- FCT/HS01/00667 PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359 US-09-864 76; 20934 US-09-ench 20044, Application OS/09864/61 Parent No US-00-20048763A1 GENEPAL INFORMATION: APFLICANT Rent, Sharron G. APPLICANT: Rank, David R. APPLICANT: Hannel, David K. APPLICANT: Chen, Wensheng

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NAMEZKEY: misc_feature
OWHEP INFORMATION: Incyto 15 No 0,820,010,051335A1 70,035,442H1
                                                                                                                                                                                                                                                                                                                                                                                         Conservative:
Mismatches:
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NUMBER OF SEQ ID NOS: 9597
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                ) NAME/KEY: unsure
; LOCATION: 58-59, 64, 100, 145
; OTHER INFORMATION: a, t, c, q, or other
HS 09, 294 8948-5596
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PRIOR APPLICATION NUMBER: 60/190,479
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: 60/200,545
PRIOR FILING DATE: 2000-04-27
PRIOR PPLICATION NUMBER: 60/200,303
FRICE FILING DATE: 2000-04-28
FRICE FILING DATE: 2000-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 9375, Application HSZ09796692
; Publication No. US20020198362A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT FILING DATE: 2001-03-01 PRIOR APPLICATION NUMBER: 60/186,126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/200,999 PRIOR FILING DATE: 2000-05-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2000-05-04
PRIOR APPLICATION NUMBER: 60/206,201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/218,950
PRIOR FILING DATE: 2000-07-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/222,903
PRIOR FILING DATE: 2000-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/223,416
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/202,084
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      : Publication No. US20020198362Al
: GENERAL INFORMATION:
: APPLICANT: Gaiger, Alexander
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2000-08-04
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                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity:
Ouery Match:
                                                                         ORGANISM: Zea mays
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SEQ 1D NO 5596
LENGTH: 223
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                                                      TYPE: DNA
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                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                           Pred. No.:
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APPLICANT: ILO, Lauran, Y.
APPLICANT: Sherman, Bradley, K.
TILLE OF INVENTION: POLYNUCLEDITORS AND POLYPEPTIDES DEPLYED FROM COPN TASSEL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: EXPRESSED IN PLACENIA, SIGNAL, = 1.8
OTHER INFORMATION: EXPRESSED IN PLACENIA, SIGNAL, = 2.1
OTHER INFORMATION: EXPRESSED IN HEATA, SIGNAL, = 1.8
OTHER INFORMATION: EXPRESSED IN HATA, SIGNAL, = 1.9
OTHER INFORMATION: EXPRESSED IN LING, SIGNAL, = 1.9
OTHER INFORMATION: EXPRESSED IN HARIN, SIGNAL, = 2.9
OTHER INFORMATION: EXPRESSED IN HEATY, SIGNAL, = 2.5
OTHER INFORMATION: EXPRESSED IN HEATY, SIGNAL, = 2.2
OTHER INFORMATION: EXPRESSED IN A PHITA, SIGNAL, = 2.2
OTHER INFORMATION: EXPRESSED IN A PHITA, LIVER, SIGNAL, = 1.9
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL, = 1.9
OTHER INFORMATION: EXPRESSED IN ETALL LIVER, SIGNAL, = 1.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ 1D NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ 1D NO 20934
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative:
Mismatches.
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                   PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
                                                                      PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
                                                                                                                          PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCTZUS01/00668
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PRIOR APPLICATION NUMBER: pct_med;/add66;
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00670
                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/US01/00663
  PRIOR APPLICATION NUMBER: PCT/US01/00664
                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: PCT/US01/00661
                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILLING DATE: 2000-09-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 09/608,408
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER- US 09774.203
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Patent No. USZ0010051335Al
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: MAP TO ALCAITIG. 1
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PRIOR APPLICATION NUMBER: 60/082,567
PRIOR FILING DATE: April 21, 1998
NUMBER OF SEQ ID NOS: 6207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2001-01-29
                                                                                                                                                                                2001-01-30
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Bost Local Similarity,
Query Match:
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                                                                                                                                                                                PRIOR FILING DATE:
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APPLICANT: Algate, Paul A.
APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THER
TITLE OF INVENTION: HEMATOLOGICAL MALIGNANCIES
TITLE OF THE REPERINCE: 2077.001200
CURRENT APPLICATION NUMBER: US/09/796,692
CURRENT FILING DATE: 2001-03-01
22
20000
30000
                                                                                                                                                                                                             18-04-856-070-18 (1-5) x HS-04-244-993B 5596 (1-223)
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242

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OTHER INFORMATION: EXPRESSED IN BORNE MARKOW, SIGNAL = 1.3
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.2
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.6
OTHER INFORMATION: EXPRESSED IN PLACENIA, SIGNAL = 3.3
OTHER INFORMATION: EXPRESSED IN HEAR, SIGNAL = 1.6
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.6
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.2
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.2
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.2
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.2
OTHER INFORMATION: EXPRESSED IN AFIL4973.1, EVALUE 1.000-112
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.2
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.2
OTHER INFORMATION: EXPRESSED IN EXPLOSE 1.000-112
OTHER INFORMATION: EXHIBITED SHIPS 1.000-112
US-U9-864-761-20697
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Mismatches:
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                PRIOR APPLICATION NUMBER: US US/EL2, 466
PRIOR APPLICATION NUMBER: US US/EL2, 466
PRIOR APPLICATION NUMBER: US E2453.6
PRIOR APPLICATION NUMBER: US E0/236,359
PRIOR APPLICATION NUMBER: US E0/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PLILAGATION NUMBER: PCT/USO1/00667
PRIOR APPLICATION NUMBER: PCT/USO1/00667
PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR PLILAGATION NUMBER: PCT/USO1/00669
PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR APPLICATION NUMBER: PCT/USO1/006670
PRIOR APPLICATION NUMBER: PCT/USO1/006670
PRIOR APPLICATION NUMBER: PCT/USO1/00670
PRIOR APPLICATION NUMBER: PCT/USO1/00670
PRIOR APPLICATION NUMBER: US US/E008, 408
PRIOR APPLICATION NUMBER: US US/E008, 408
PRIOR PILING DATE: 2000-030
PRIOR APPLICATION NUMBER: US US/E008
PRIOR PILING DATE: 2000-030
PRIOR PLILING DATE: 2000-030
PRIOR PPLILOR DATE: 2000-030
PRIOR PPLILOR DATE: 2000-030
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PRIOR FILING DATE: 2000-05-26
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Query Match:
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LENGTH: 301
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
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APPLICANT: Rank, David R.
APPLICANT: Hanzel, David R.
APPLICANT: Chen, Wensheug
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NEGLETC ACID PROBES USEFUL, FOR
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Lalgudi, Raghunath V.
APPLICANT: Kamiyaki, Laura Y. (Ito)
APPLICANT: Sherman, Bradley K.
TITLE OF INVENTION: POLYMMYLEGITOES AND POLYPEPTIDES DERIVED FROM CHAN SERBITANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAMEZKEY: mise_feature
OTHER INFORMALION: incyte it no #82002001395RA1 7001245H1
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                     Conservative:
Mismatches:
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CURRENT APPLICATION NUMBER- IIS/04/923,876
CURRENT FILING DATE: 2001-08-06
PRIOR APPLICATION NUMBER: 09/298,329
PRIOR FILING DATE: 1999-04-21
PRIOR FILING DATE: 1999-04-21
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS- 632
SOFTWARE, PERL PLOSTAIN
LENGTH: 258
Matchos.
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CURRENT APPLICATION NUMBER: US./09/864,761
CURRENT FILING DATE: 2001-05-23
                                                                                                      Gaps.
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PRIOR APPLICATION NUMBER: US 60/180,312
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PRIOR APPLICATION NUMBER: US 60/207,456
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; Patent No US2002004876341
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                  Percent Similarity,
Best Local Similarity:
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ORGANISM: Zea mays
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LOCATION: 112
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                                                                        Query Match:
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Score:
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CURRENT FILING DATE: 2001-01-17
Prior application data removed - refer to PALM of file wrapper
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CURRENT FILING DATE: 2001-01-17
Prior application data removed - refer to PALM or file wrapper
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PCOU7
                                                    FITTH OF INVENTION: Nucleic Acids, Proteins, and Antibodies
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Mismatches:
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                                                                                     CURRENT APPLICATION NUMBER: US/09/764,869 CURRENT FILING DATE: 2001-01-17
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OTHER INFORMATION: D equals a,t,g, or c
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OTHER INFORMATION: n equals a,1,9, or
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Patent No. US20020061521A1
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                                                                                                                                         NUMBER OF SEQ 1D NOS: 2442
SOFTWARE: Patentin Ver. 2.0
SEQ 1D NO 1330
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 37
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Patent No. US20020061521A1
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                                                                                                                                                                                                               ; TYPE: DNA
; OKGANISM: Homo sapiens
DS-09-764-869-1330
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ORGANISM: Homo sapiens
                                APPLICANT: Rosen et al.
                                                                    FILE REFERENCE: PC007
                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity:
Query Match:
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Best Local Similarity:
                 GENERAL INFORMATION:
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                                                                                                                                                                                                LENGTH: 420
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                                                                                                                                                                                                                                                                                                      Fred. No.:
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    Sequence 477, Application US/09969708
    Patent No. US20020102532a1
    GENERAL INFORMATION:
    APPLICATA Augustus, Meena
    TITLE OF INVENTION: Gene Determination and Therapeutic Screening Using Sign:
    TITLE OF INVENTION: Sets

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TITLE OF INVENTION: Expressed Sequences of Arabidopsis
TITLE OF INVENTION: Libeliana
TITLE REFERENCE: 2029 (PARA-018PRV)
CURRENT APPLICATION NUMBER: 05/69/770,791
CURRENT FILING DAIE: 2001-01-26
PRIOR APPLICATION NUMBER: 60/178,480
PRIOR FILING DAIE: 2000-01-27
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Conservative:
Mismatches:
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NUMBER OF SEQ ID NOS: 999
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                           FILE REPERENCE: 689290-70 CURRENT APPLICATION NUMBER: US/09/969,708
                                                                                                                                                                                                   CUPPENT FILING DATE: 2001-10-03
PRIOR APPLICATION INMBERS: US/60/237,606
PRIOR FILING DATE: 2000-10-03
PPIOR PLICATION NUMBER: US/60/237,608
                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: US/E0/237.125
PRIOR FILING DATE: 2000-10-03
NUMBER OF SEQ ID NOS: 658
SOFTWARE: PALENTIN VERSION 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ledford, Brooke L.
Woessner, Jettrey P.
Haas, William David
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Hamilton, Carol M.
Price, Jenniter L.
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Kricker, Maja
Slader, Ted
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100.00%
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Allen, Keith
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RESULT 8
US-09-969-708-477/c
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APPLICANT:
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APFLICANT. Then, Wensheng
TILE OF INVENTION. HUMAN GENOME-DERIVEL SINGLE EXON NUCLEIC ACLD PROBES USEFUL FO
TILLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
                                                                                                   N. EXPRESSED IN BONE MARROW, SIGNAL - 1.3
N: EXPRESSED IN LUNC, SIGNAL, - 2.2
N: EXPRESSED IN PLACENTA, SIGNAL, - 3.3
N: EXPRESSED IN PLACENTA, SIGNAL - 3.3
N: EXPRESSED IN HELLOU, SIGNAL - 1.6
N: EXPRESSED IN HELL, SIGNAL - 1.5
N: EXPRESSED IN HEAT, SIGNAL - 2
N: EXPRESSED IN HEAT, SIGNAL - 2
N: EXPRESSED IN HEAT, SIGNAL - 1.4
N: EXPRESSED IN HEAT, SIGNAL - 1.4
N: EXPRESSED IN HEAT, SIGNAL - 1.4
N: EXPRESSED IN HEAT, SIGNAL - 1.8
N: EXPRESSED IN HEAT, SIGNAL - 1.8
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Mismatches:
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PRIOR APPLICATION NUMBER: BY 6A/236,359
PRIOR APPLICATION NUMBER: BY 6A/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: POT/USO1/00664
PRIOR PELING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: POT/USO1/00664
PRIOR APPLICATION NUMBER: POT/USO1/00669
PRIOR APPLICATION NUMBER: POT/USO1/00669
PRIOR PELING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: POT/USO1/00669
PRIOR PELING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: POT/USO1/00668
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
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CURRENT APPLICATION NUMBER: US/US/864,761
CURPENT FILING DATE: 2001-05-23
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PRIOR FILLING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PRING PAPE: 2009-05-26
PRIOR ATPLICATION NUMBER: US 69/632,366
PRIOR FILING DATE: 2009-08-03
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                                                                             OTHER INFORMATION: MAP TO AL034350.2
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Patent No. US20026048763A1
GENERAL INFORMATION:
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                              ORCANISM: Homo sapiens
                                                                                                                                                                                                                                                         OTHER INFORMATION:
OTHER INFORMATION:
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Query Match:
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                                                    FEATURE:
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APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Cheo, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PRORES HEEPIL, FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
                                                                                                                                                                                                            Conservative:
Mismatches:
                                                                                                                                                                                                                                                                                                                                      US-09-856-070-18 (1-5) x US-09-770-791-124 (1-384)
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PRIOR FILING DATE: 2001 01 36
PRIOR PILING DATE: 2001 01 36
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2000-09-21
PRIOR PILING DATE: 2000-09-21
PRIOR PILING DATE: 2000-09-21
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PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILLING DATE: 2000-08-38
PRIOR FILLING DATE: 2000-08-38
PRIOR FILLING DATE: 2000-10-04
PRIOR FILLING DATE: 2000-10-04
PRIOR FILLING DATE: 2000-09-27
PRIOR FILLING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/MS01/00666
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CTPPENT FILING DATE: 2001-05-23
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PRIOR APPLICATION NUMBER: PCT/MS01/00667
PRIOR FILING DATE: 2001-01-36
PRIOR APPLICATION UMBER: PCT/MS01/00664
PRIOR FILLING DATE: 2001-01-36
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PRIOR FILING DATE: 2001 of -30
PRIOR FILING TOTAL NUMBER: PLIATED TOTAL
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: US 60/180,312
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PRIOP FILING DATE: 2001-01-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 3934, Application US/09864761
Patent No. US20020048763A1
                      TYPE: DNA ORGANISM: Arabidopsis thallana
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Best Local Similarity:
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                                                                        US-09-770-791-124
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LENGTH: 384
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OTHER INFORMATION: EXPRESSED IN PETAL LIVER, SIGNAL - 2.3
OTHER INFORMATION: EXPRESSED IN BONE MARBOW, SIGNAL - 2.2
OTHER INFORMATION: EXPRESSED IN BONE MARBOW, SIGNAL - 1.8
OTHER INFORMATION: EXPRESSED IN HAAIN, SIGNAL - 1.7
OTHER INFORMATION: EXPRESSED IN LONG, SIGNAL - 2.4
OTHER INFORMATION: EXPRESSED IN INCOME, SIGNAL - 2.6
OTHER INFORMATION: EXPRESSED IN HEAN, SIGNAL - 1.9
OTHER INFORMATION: EXPRESSED IN HEAN, SIGNAL - 2.3
OTHER INFORMATION: EXPRESSED IN HAIDON, SIGNAL - 2.3
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                              PRIOR ADMINISTRATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR FILING DATE: 2000-09-21
PRIOR FILING DATE: 2000-06-30
PRIOR PRIOR CATLING DATE: 2000-06-30
PRIOR PRIOR OF THE STATE OF STA
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Mismatches:
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TITLE OF INVENTION: 70 Human Secreted Proteins
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PRIOR PAPPLICATION NOBER: 09/148, 545
PRIOR FILING DATE: 1998-09-04
PRIOR FILING DATE: 1997-03-07
PRIOR APPLICATION NUMBER: 60/040,162
PRIOR APPLICATION NUMBER: 60/040,333
PRIOR FILING DATE: 1997-03-07
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PRIOR APPLICATION NUMBER: 60/040,626
PRIOR FILIN: DATE: 1997-03-07
PRIOR APPLICATION NUMBER: 60/040,334
PRIOR FILING DATE: 1997-03-07
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PRIOR APPLICATION NUMBER: 60/047,615
PRIOR FILING DATE: 1997-05-23
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PRIOR APPLICATION NUMBER: 60/047,600
PRIOR FILING DATE: 1997-05-23
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PRIOR FILLING DATE: 1997-03-07
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; Sequence 28, Application US/09981876
; Patent No. US20020164669A1
PRIOR FILLING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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PRIOR APPLICATION NUMBER: 60/047,587
PRIOR FILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,492
PRIOR APPLICATION NUMBER: 60/047,598
PRIOR ELING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,598
PRIOR PLILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60/047,582
PRIOR APPLICATION NUMBER: 60/047,582
PRIOR PLILING DATE: 1997-05-23
PRIOR FILING DATE: 1997-05-23
PRIOR PAPLICATION NUMBER: 60/047,596
PRIOR FILING DATE: 1997-05-23
PRIOR PAPLICATION NUMBER: 60/047,612
PRIOR PLILING DATE: 1997-05-23
PRIOR PLILING DATE: 1997-05-23
PRIOR PLILING DATE: 1997-05-23
PRIOR PAPLICATION NUMBER: 60/047,612
PRIOR PLILING DATE: 1997-05-23
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PRIOR APPLICATION NUMBER: 60/047,601

PRIOR APPLICATION NUMBER: 60/043,500

PRIOR PELLING DATE: 1997-04-11

PRIOR PELLING DATE: 1997-04-11

PRIOR PELLING DATE: 1997-04-11

PRIOR APPLICATION NUMBER: 60/043,314

PRIOR PILING DATE: 1997-04-11

PRIOR PELICATION NUMBER: 60/043,314

PRIOR PILING DATE: 1997-04-11

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1997-05-23
WIMBER: 60/047,503
PRIOR APPLICATION NUMBER: 60/047,597
PRIOR FILLING DATE: 1447-05-23
                                                                                  PRIOR APPLICATION NUMBER: 60/047,502 PRIOR FILING DATE: 1997-05-23
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PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043,669
PRIOR FILING DATE: 1997-04-11
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PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60/043,313
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PRIOR APPLICATION NUMBER: 60/043,672
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APPLICATION NUMBER: 60/056,889
                                                                                                                                                                                   APPLICATION NUMBER: 60/047,633
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PRIOR FILING DATE: 1997-04-11
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FILLING DATE: 1997-08-22
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APPLICATION NUMBER: 60/056,893
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APPLICATION NUMBER:
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PRICE APPLICATION NUMBER:
PRIOR FILING DATE: 1997-04
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PRIOR APLILOATION NUMBER: 60/056,911
PRIOR FILING DATE: 1997-68-22
PRIOR PRILICATION NUMBER: 60/056,636
PPRIOR PILING DATE: 1997-68-22
PRIOR PILING DATE: 1997-68-22
PRIOR APPLICATION NUMBER: 60/056,910
PRIOR APPLICATION NUMBER: 60/056,910
PRIOR APPLICATION NUMBER: 60/056,910
PRIOR APPLICATION NUMBER: 60/056,845
PRIOR PILING DATE: 1997-08-22
PRIOR PILING DATE: 1997-08-22
PRIOR PILING DATE: 1997-08-22
PRIOR PILING DATE: 1997-08-22
PRIOR PAPLICATION NUMBER: 60/056,845
PRIOR PAPLICATION NUMBER: 60/056,892
PRIOR PILING DATE: 1997-06-22
PRIOR PAPLICATION NUMBER: 60/056,892
PRIOR PAPLICATION NUMBER: 60/056,892
PRIOR PAPLICATION NUMBER: 60/057,761
PRIOR PAPLICATION NUMBER: 60/047,599
PRIOR PAPLICATION NUMBER: 60/047,599 PRIOR APPLICATION NUMBER: 60/047,593
PRIOR FILING DATE: 1997-05-23
PRIOR PPLICATION NUMBER: 60,047,594
PRIOR PILING DATE: 1997-05-23
PRIOR APPLICATION NUMBER: 60,043,578
PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: 60,043,576 PRIOR FILING DATE, 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,630
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,878
PRIOR FILING DATE: 1497-08-22
PRIOR APPLICATION NUMBER: 60/056,662 APPLICATION NUMBER: 60/056,872
APPLICATION NUMBER: 60/056,872 PRICE FILLING DATE: 1997-08 22
PRIOR APPLICATION NUMBER: 60/056,872
PRIOR FILLING DATE: 1997-08 22
PRIOR APPLICATION UNMER: 60/056,882
PRIOR FILLING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60/056,637 60/056,904 PRIOR APPLICATION NUMBER: 60,056,888 PPIOP FILING DATE: 1997-08-22 APPLICATION NUMBER: 60/056,879 FILING DATE: 1997-08-22 APPLICATION NUMBER: 60/056,880 FILING DATE: 1997-08-22 FILING DATE: 1997-08-22 APPLICATION NUMBER: 60/056,894 FILING DATE: 1997-08-22 FILING DATE: 1997-04-11 APPLICATION NUMBER: 60/247,501 APPLICATION NUMBER: 60/243,670 APPLICATION NUMBER: 60/243,670 FILING DATE: 1997-08-22 APPLICATION NUMBER: 60/056,664 FILING DATE: 1997-08-22 FILING DATE: 1997-08-22 APELICATION NUMBER: 647 FILING DATE: 1997-08-22 1997-04-11 APPLICATION NUMBER FILING DATE:

APPLICANT: Havukala, 11kka J.
APPLICANT: Havukala, 11kka J.
APPLICANT: Glenn, Matthew
APPLICANT: Glenn, Matthew
APPLICANT: Grigor, Murray N.
APPLICANT: Molecuar, Adrian J.
TITLE OF INVENTION: Compositions isolated from bovine
TITLE OF INVENTION: mammary gland and methods for their use.
FILE REFERENCE: 11000.1044c37
CURRENT APPLICATION NUMBER: IS/10/079,623
CURRENT FILING DATE: 202 C2-19
NUMBER OF SEQ 1D NOS: 370
SOFTWARE: FastSEQ for Windows Version 4.0 w2220 Conservative: Conservative. Mismatches: Mismatches: indels: US 09.856.070.18 (1 5) x US-09.981.876 28 (1-391) US-09-856-070 18 (1-5) x US-10-079 623-23 (1-404) Length: Matches: Matches. indels: PRIOR APPLICATION NUMBER: 60,056,81
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60,056,881
PRIOR FILING DATE: 1997 08-22
PRIOR APPLICATION NUMBER: 60,056,901
PRIOR PILING DATE: 1997 08-22
PRIOR APPLICATION NUMBER: 60,056,875
PRIOR APPLICATION NUMBER: 60,056,875
PRIOR APPLICATION NUMBER: 60,056,875
PRIOR APPLICATION NUMBER: 60,056,807
PRIOR PILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: 60,056,908
PRIOR PILING DATE: 1997-06-06
PRIOR PILING DATE: 1997-08-22
PRIOR PILING DATE: 1997-08-22 ; Sequence 23, Application US/10079623 ; Patent No. US20020159302A1 ; GENERAL INFORMATION: 100.008 100.008 100.008 Percent Similarity: 100.05% Best Local Similarity: 100 00% Ouery Match: 100.00% 217 24.00 24 nn) 7 AAAGAGGAACTGATG 21 1 LysGluGluLeuMet 5 Best Local Similarity. Query Match: ; ORGANISM: Bovine US-10-079-623-23 Fercent Similarity. Alignment Scores: Alignment Scores: us-10-079-623-23 LENGTH: 404 TYPE: DNA Score.

1 LysGluGluLeuMet 5

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APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Clean, Wensheld
IIILE OF INVENTION. HUMAN GENOME-DERIVED SINGLE EXON NOCLERC ACID PROPES USFUL FO
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SEO ID NO 4765
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                          US-09-856-070-18 (1-5) x US-09-864-761-4582 (1-472)
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PLILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PPIOR APPLICATION NUMBER: PCT/US01/00664
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PRIOR PILLO DATE: 2001-01-30
PRIOR APPLICATION NUMBER: POT/USO1/VU0665
PRIOR PILLNO DATE: 2001-030
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PRIOR FILLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCI/US01/00661
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PRIOR APPLICATION NUMBER: PCT/USG1/00670
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PRIOR APPLICATION NUMBER, CB 24263.6
PRIOR PLING DATE: 2000-10-04
PPIOR PELLING DATE: 2000-10-04
PRIOR FILING DATE: 2000-09-27
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PRIOR APPLICATION NUMBER: US 60/234,687
FRIOR FILLING DAIE: 2000-09-21
FRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILLING DAIE: 2000-06-30
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PRIOR FILLING DATE: 2001-01-29
NUMBER OF SEQ IP NOS: 49117
                                                                                                                                                                                                                                                   ; Sequence 4765, Application US/U9864761
; Patent No. USZUUZUU48763A1
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ORGANISM: Homo sapiens
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INFORMATION:
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Mismatches
Indels
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PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCIZUSULZUU000
PRIOR PILING DATE: 2001-30
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PRIOR PILING DATE: 2001-01-30
PRIOR PLILORITON NUMBER: PCT/US01/00/664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00/669
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PRIOR APPLICATION NUMBER PCT/AUSO1/50565
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PRIOR APPLICATION NUMBER PCT/AUSO1/50668
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PRIOR APPLICATION NUMBER: PCT/AUSO1/60663
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PRIOR FILING DATE: 2000-69-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2001-01-29
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-25
PRIOR APPLICATION NUMBER: US 09/632.366
PRIOR FILING DATE: 2000-08-03
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PRIOR APPLICATION NUMBER: US 60/180,312
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                                                                                                           Sequence 4582, Application US/09864761
Patent No. US20020048763A1
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APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheug
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